

IN THE CLAIMS

1.-26 (Canceled)

27. (Previously Presented) A method of rehabilitation according to claim 43, wherein at least one of said actuators is coupled to a person in a home setting; and

a daily activity by said person is performed, wherein said actuator interacts with said activity to enhance rehabilitation.

28. (Previously Presented) A method according to claim 27, wherein said daily activity is outdoors.

29. (Previously Presented) A method according to claim 27, wherein said at least one actuator interacts using a stored rehabilitation plan.

30. (Previously Presented) A method according to claim 27, wherein said at least one actuator reports to a remote location on a progress of rehabilitation.

31. (Previously Presented) A method according to claim 27, wherein said at least one actuator prevents unsafe motions by said patient.

32. (Previously Presented) A method according to claim 27, comprising first practicing said daily activity at a rehabilitation clinic.

33. (Previously Presented) A method of rehabilitation according to claim 43 wherein the non-therapist is a second patient, further comprising:

rehabilitating the second patient on the second actuator; and

passing information regarding rehabilitation between said two actuators, said information including at least one of a score, current progress, spatial position of a portion of the patient and a game play.

34. (Previously Presented) A method according to claim 33, wherein said patients play a game together using said devices for input and output.

35. (Previously Presented) A method according to claim 34, wherein said patients play against each other.

36. (Previously Presented) A method according to claim 34, wherein said first rehabilitation actuator provides a different support for said first patient than said second actuator supplies for said second patient, to compensate for differences in ability between the two patients.

37. (Previously Presented) A method according to claim 33, wherein said information is passed in real-time.

38. (Previously Presented) A method according to claim 33, wherein said information is passed using a wireless connection.

39. (Previously Presented) A method according to claim 33, comprising monitoring said first and said second patients by a remote therapist.

40. (Previously Presented) A method according to claim 33, comprising remotely connecting into a therapy group by said patients.

41. (Previously Presented) A method according to claim 33, wherein said two devices are in a same room.

42. (Previously Presented) A rehabilitation system configuration according to claim 66, further comprising:

a wireless data link between the first rehabilitation device and the second rehabilitation device such that the two rehabilitation devices can act in synchrony.

43. (Currently Amended) A method of cooperative rehabilitation using a rehabilitation system, comprising:

providing a first actuator at a first place of rehabilitation that includes a movement mechanism capable of applying a force that interacts with a motion of a patient's limb in a volume of at least 30 cm in diameter, in at least ~~three~~two degrees of freedom of motion of the

actuator and capable of preventing substantial motion in any point in any direction in said volume;

providing a second actuator at a second place of rehabilitation that includes a movement mechanism capable of applying a force that interacts with a motion of a patient's limb in a volume of at least 30 cm in diameter, in at least ~~three~~two degrees of freedom of motion of the actuator and capable of preventing substantial motion in any point in any direction in said volume;

engaging said first and said second actuators by a patient and by a non-therapist, respectively; and

rehabilitating said patient using said first actuator and said non-therapist.

44. (Previously Presented) A method according to claim 43, wherein said non-therapist is a blood relative.

45. (Previously Presented) A method according to claim 43, comprising guiding said non-therapist and said patient by instructions by a controller.

46. (Previously Presented) A method according to claim 43, wherein said non-therapist is under an age of 18.

47. (Previously Presented) A method according to claim 43, wherein said non-therapist is under an age of 10.

48. (Previously Presented) A method according to claim 43, wherein said providing is at a home of said non-therapist.

49. (Previously Presented) A method according to claim 43, wherein said non-therapist has fewer than 50 hours experience in physical therapy.

50. (Previously Presented) A method according to claim 43, wherein said non-therapist has fewer than 10 hours experience in physical therapy.

51. (Previously Presented) A rehabilitation system configuration according to claim 66, wherein:

the first rehabilitation device at the first place of rehabilitation uses a first operational setting; and,

the second rehabilitation device at the second place of rehabilitation uses a second operational setting.

52. (Previously Presented) A system according to claim 51, wherein the first and second places of rehabilitation are selected from a bed, a wheel-chair, a clinic, a hospital and a home.

53. (Previously Presented) A system according to claim 51, wherein the first operational setting includes applying a force that interacts with a motion of a patient's limb in at least three degrees of freedom and the second operational setting includes applying a force that interacts with a motion of a patient's limb in two degrees of freedom.

54. (Previously Presented) A system according to claim 51, wherein the first operational setting includes having a software set and the second operational setting includes having only a portion of the software set.

55. (Previously Presented) A system according to claim 51, wherein the first operational setting includes having a software set and the second operational setting includes having a different software set.

56. (Previously Presented) A system according to claim 51, wherein the first operational setting includes a set of modes and the second operation setting includes having only a portion of the set of modes.

57. (Previously Presented) A system according to claim 51, wherein the first rehabilitation device is provided with a first display type and the second rehabilitation device is provided with a different display type.

58. (Previously Presented) A system according to claim 51, wherein the second rehabilitation device is adapted for the second place of rehabilitation.

59. (Previously Presented) A system according to claim 58, wherein the second rehabilitation device is adapted by providing mobility.

60. (Previously Presented) A system according to claim 58, wherein second first rehabilitation device is adapted by changing its size relative to the first rehabilitation device.

61. (Previously Presented) A system according to claim 51, wherein the first and second rehabilitation devices are connected in a network.

62. (Previously Presented) A system according to claim 61, wherein the network is provided with a database shared between at least the first and second rehabilitation devices.

63. (Previously Presented) A system according to claim 61, wherein the system is adapted to generate a report on the patient from the first and second rehabilitation devices.

64. (Previously Presented) A system according to claim 51, wherein the first rehabilitation device and the second rehabilitation device are monitored by the same therapist.

65. (Previously Presented) A system according to claim 51, wherein the first and second rehabilitation devices are adapted to be used by the same patient.

66. (Previously Presented) A rehabilitation system configuration, comprising:

a first rehabilitation device at a first place of rehabilitation using an actuator that includes a movement mechanism capable of applying a force adapted to interact with a motion of a patient's limb in a volume of at least 30 cm in diameter, in at least two degrees of freedom of motion of the actuator and capable of preventing substantial motion in any point in any direction in said volume; and,

a second rehabilitation device at a second place of rehabilitation that includes a movement mechanism operable by the patient's limb in a volume of at least 30 cm in diameter, in at least two degrees of freedom and capable of preventing substantial motion in any point in any direction in said volume.

67. (Previously Presented) A rehabilitation system according to claim 66, further comprising a controller adapted to control the actuator of the first rehabilitation device in accordance with a program.

68.-96 (Canceled)